

Page 5, 3rd full paragraph rewrite as follows:

Cocoa seeds with pulp removed from *Theobroma* cocoa pods were freeze-dried on a Labconco (Kansas City, MO) Freeze Dry System. The pulp and hulls were manually removed, and the freeze-dried hulls were ground to a fine powder with a Tekmar Mill (Cincinnati, OH). The ground mass was subjected to overnight extraction with redistilled petroleum ether (b. p. 38-39.6°C) in a Soxtec apparatus (Fisher Scientific, Springfield, NJ). The solvent was carefully removed by slow evaporation under a stream of nitrogen, and the resultant extracts were stored at -40°C.

Page 6, 2nd full paragraph, rewrite as follows:

Gas chromatography of sterol-TMS ether derivatives. Sterol-TMS ether derivatives were separated on a 25 m X 0.25 mm i.d. Quadrex (New Haven, CT) 50% methylphenylsilicone fused-silica capillary column, programmed at 250°C for 37 min., then 10°C/min to 300°C for 5 min on a Hewlett-Packard Model 5890A gas chromatograph. The injector and flame-ionization detector temperatures were set at 250 and 300°C, respectively. Helium was used as the carrier gas at a linear velocity (μ) of 25 cm/s. One μ L injections were split 50:1. Quantitation was achieved by the ISTD technique (11). Peak identifications were made by comparison to the retention time (t_R) of authentic sterol-TMS ether derivatives and by mass spectral analysis.

Page 7, 4th full paragraph rewrite as follows:

Combined capillary gas chromatography (GC) and gas chromatography 1 mass spectra (GC/MS) analysis were used to examine the sterol composition of the extracted cocoa oils. As shown in Figure 1, a typical sterol separation was encountered as well as the presence of several unknowns.

In The Claims

Please cancel Claims 3, 4, 19, and 29 and amend Claim 2 so it reads as follows: